

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-15 (Cancelled):

Claim 16 (Currently Amended): An information terminal for providing plan information of a path from a current place of said information terminal to a destination point in response to a destination information designated from a user and the current place of said information terminal, comprising:

receiving means which receives traffic jam information via a receiver from a radio network;

filtering means which filters and selects necessary information from said traffic jam information;

determining means which determines to change plan information based on said information selected by said filtering means from said traffic jam information;

alternative plan generating means which provides an alternative plan of a path from ~~said~~the current place of said information terminal to said destination point, when said determining means determines to change said plan information; and

outputting means which outputs said alternative plan to a user instead of said plan information.

Claim 17 (Previously Presented): An information terminal according to claim 16, wherein said determining means checks temporal change in said traffic jam information.

Claim 18 (Previously Presented): An information terminal according to claim 16, wherein said determining means determines to change said plan information when said traffic jam information matches a predetermined condition of traffic jam state in said path.

Claim 19 (Previously Presented): An information terminal according to claim 16, wherein said alternative plan indicates a desirable path for said user.

Claim 20 (Previously Presented): An information terminal according to claim 16, further comprising an input device which receives an input from said user.

Claim 21 (Previously Presented): An information terminal according to claim 16, further comprising a display device which shows path information under control of said outputting means.

Claim 22 (Currently Amended): An information terminal for providing plan information of a path from a current place of said information terminal to a destination point in response to a destination information designated from a user and the current place of said information terminal, comprising:

receiving means which receives traffic jam information via a receiver from a radio network;

filtering means which filters and selects necessary information from said traffic jam information;

determining means which determines an alternative path having time shorter than a time of said path based on said information selected by said filtering means from said traffic jam information;

alternative plan generating means which provides said alternative plan of a path from said the current place of said information terminal to said destination point having said shorter time; and

outputting means which outputs said alternative plan to a user instead of said plan information.

Claim 23 (Previously Presented): An information terminal according to claim 22, wherein said alternative plan generating means checks a plurality of times necessitated through paths from said current place of said information terminal to said destination point to seek for a shorter time among said plurality of times to provide a shortest among said paths as said alternative plan.

Claim 24 (Currently Amended): An information terminal for providing plan information of a path from a current place of said information terminal to a destination point in response to a destination information designated from a user and the current place of said information terminal, comprising:

receiving means which receives traffic jam information via a receiver from a radio network;

filtering means which filters and selects necessary information from said traffic jam information;

determining means which determines to change plan information based on said information selected by said filtering means from said traffic jam information every time duration;

alternative plan generating means which provides an alternative plan of a path, when said determining means determines to change said plan information; and
outputting means which outputs said alternative plan to a user.

Claim 25 (Currently Amended): An information terminal for providing plan information of a path from a current place of said information terminal to a destination point in response to a destination information designated from a user and the current place of said information terminal comprising:

receiving means which receives traffic jam information from a radio network;
filtering means which filters and selects necessary information from said traffic jam information;

determining means which determines an alternative path having time shorter than a time of said path based on said information selected by said filtering means from said traffic jam information every time duration;

alternative plan generating means which provides said alternative plan of a path from ~~said~~the current place of said information terminal to said destination point based on said shorter time; and

outputting means which outputs said alternative plan to a user.

Claim 26 (Currently Amended): An information terminal, comprising:

a receiver arranged to receive traffic jam information via a radio network; and

a filter arranged to filter and select necessary information from said traffic jam information; and

a controller configured to determine changing, based on said information selected by said filter from said traffic jam information, plan information of a path from a current location of said information terminal to a destination point designated by a user, to provide an alternative plan of a path from the current location of said information terminal to said destination point when changing said plan information is determined, and to produce said alternative plan to the user instead of said plan information.

Claim 27 (Previously Presented): An information terminal according to claim 26, wherein said controller is further configured to check temporal change in said traffic jam information.

Claim 28 (Previously Presented): An information terminal according to claim 26, wherein said controller is further configured to determine changing said plan information when said traffic jam information matches a predetermined condition of traffic jam state in said path.

Claim 29 (Previously Presented): An information terminal according to claim 26, further comprising an input device which receives an input from said user.

Claim 30 (Previously Presented): An information terminal according to claim 26, further comprising a display device which shows path information under control of said controller.

Claim 31 (New): An information terminal according to claim 16, wherein said information selected by said filtering means includes information regarding traffic jam on a road through which said user is to move to said destination.

Claim 32 (New): An information terminal according to claim 22, wherein said information selected by said filtering means includes information regarding traffic jam on a road through which said user is to move to said destination.

Claim 33 (New): An information terminal according to claim 24, wherein said information selected by said filtering means includes information regarding traffic jam on a road through which said user is to move to said destination.

Claim 34 (New): An information terminal according to claim 25, wherein said information selected by said filtering means includes information

regarding traffic jam on a road through which said user is to move to said destination.

Claim 35 (New): An information terminal according to claim 26, wherein said information selected by said filter includes information regarding traffic jam on a road through which said user is to move to said destination.

Claim 36 (New): An information terminal according to claim 16, further comprising:

means for storing therein first plan information of a path to a first destination;
means for storing therein second plan information of a path to a second destination; and

means for storing therein chain information regarding a chain between said first and second plan information;

wherein said alternative plan generating means refers to said chain information to show, when said alternative plan generating means is requested to show an alternative plan of said first plan information, both of said alternative plan of said first plan information and an alternative plan of said second plan information.

Claim 37 (New): An information terminal according to claim 22, further comprising:

means for storing therein first plan information of a path to a first destination;
means for storing therein second plan information of a path to a second destination; and

means for storing therein chain information regarding a chain between said first and second plan information;

wherein said alternative plan generating means refers to said chain information to show, when said alternative plan generating means is requested to show an alternative plan of said first plan information, both of said alternative plan of said first plan information and an alternative plan of said second plan information.

Claim 38 (New): An information terminal according to claim 24, further comprising:

means for storing therein first plan information of a path to a first destination;

means for storing therein second plan information of a path to a second destination; and

means for storing therein chain information regarding a chain between said first and second plan information;

wherein said alternative plan generating means refers to said chain information to show, when said alternative plan generating means is requested to show an alternative plan of said first plan information, both of said alternative plan of said first plan information and an alternative plan of said second plan information.

Claim 39 (New): An information terminal according to claim 25, further comprising:

means for storing therein first plan information of a path to a first destination;

means for storing therein second plan information of a path to a second destination; and

means for storing therein chain information regarding chain between said first and second plan information;

wherein said alternative plan generating means refers to said chain information to show, when said alternative plan generating means is requested to show an alternative plan of said first plan information, both of said alternative plan of said first plan information and an alternative plan of said second plan information.

Claim 40 (New): An information terminal according to claim 26, further comprising:

means for storing therein first plan information of a path to a first destination;

means for storing therein second plan information of a path to a second destination; and

means for storing therein chain information regarding a chain between said first and second plan information;

wherein said alternative plan generating means refers to said chain information to show, when said alternative plan generating means is requested to show an alternative plan of said first plan information, both of said alternative plan of said first plan information and an alternative plan of said second plan information.